

BLACKHAWK ARMSTRONG

OPEN END WRENCHES

Chrome
Vanadium
Chromium
Plated

Says the Expert Mechanic:

"Blackhawk-Armstrong Open End Wrenches do better, quicker work—last longer—remain bright and shiny after months of shop work—are trim and handy—and priced right!"



It's easier to sell him a Blackhawk-Armstrong every time. These tools are drop forged of Chrome Vanadium steel and plated with Chromium over nickel and copper. Their permanent bright finish is matched by the toughness of the steel underneath.

Blackhawk-Armstrong Wrenches are 10% longer than any others made. That means added leverage, easier operation and greater safety. Are guaranteed not to break or spread and any wrench that does not meet this claim under fair usage will be replaced without charge.

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Blackhawk Mfg. Co., Milwaukee, U. S. A.



CATALOG No. 0231



ENGINEERS WRENCHES

They are made for general purposes on cars—trucks—tractors—farm implements—in fact on all machinery that has nuts to tighten and nuts to take off.

Slip one of these silver blue babies into your hand and then give it a tough job to do on a nut. You'll sell plenty when you find how your mechanic friends will enthuse because of the over-reach in length and the thinness and beauty of design of this fine tool.

Worthy of the name Blackhawk-Armstrong. That means a heap.

(Opposite page shows Engineers' Wrench Set No. 26. See page 8 for dealer board of Engineers' Wrenches.)

A WORD ABOUT CHROMIUM PLATING

Chromium Plating as used on Blackhawk-Armstrong Wrenches is the very newest and best in quality finishes. Used to dress-up lamps, radiator shells and other beauty spots on all fine cars. Will not tarnish or rust.

First polished, then copper plated—buffed—nickel plated—buffed and finally chromium plated and polished.

With all this attention it ought to be a good finish. *It is.*

Number	For U.S. Std. Nuts; Size Bolts Inches	For Hex Head Cap Screws; Diameter Screws Inches	For S.A.E. Std. Nuts and Cap Screws; Dia. Screws Inches	Openings Milled Inches	Extreme Length Inches	Thickness Heads Inches	Price Chromium Finished	Number
1020	1/8	1/8		1/4 & 5/16	3	5/32	\$0.65	1020
1721	1/8	1/8		5/16 & 3/8	5-1/2	13/64	.70	1721
1021	1/8 & 3/16	1/8		5/16 & 13/32	5-1/2	13/64	.70	1021
1722	1/8	1/8 & 1/4	1/4	5/16 & 7/16	5-1/2	13/64	.70	1722
1723		3/16 & 1/4	1/4	3/8 & 7/16	5-1/2	13/64	.70	1723
1022	1/8 & 1/4	1/8 & 5/16	5/16	5/16 & 1/2	6	7/32	.80	1022
1023	3/16 & 1/4	5/16	5/16	13/32 & 1/2	6	7/32	.80	1023
1723A	1/4	3/16 & 5/16	5/16	3/8 & 1/2	6	7/32	.80	1723A
1024	3/16 & 5/16	1/4		13/32 & 19/32	6-1/2	1/4	.95	1024
1725	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	6-1/2	1/4	.95	1725
1725A		1/4 & 3/8	1/4 & 3/8	7/16 & 9/16	6-1/2	1/4	.95	1725A
1725B	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	6-1/2	1/4	.95	1725B
1025	1/4 & 5/16	5/16	5/16	1/2 & 19/32	6-1/2	1/4	.95	1025
1726	1/4	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8	7	9/32	1.20	1726
1026	1/4 & 3/8	5/16	5/16	1/2 & 11/16	7	9/32	1.20	1026
1727		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	7	9/32	1.20	1727
1027	5/16 & 3/8			10/32 & 11/16	7	9/32	1.20	1027
1027C	3/8			9/16 & 11/16	7	9/32	1.20	1027C
1728		3/8 & 1/2	3/8 & 1/2	9/16 & 3/4	8	5/16	1.45	1728
1028	5/16 & 7/16			19/32 & 25/32	8	5/16	1.45	1028
1028S	7/16	7/16	7/16	5/8 & 25/32	8	5/16	1.45	1028S
1729		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	8	5/16	1.45	1729
1029	3/8 & 7/16			11/16 & 25/32	8	5/16	1.45	1029
1030	3/8 & 1/2	5/8	9/16	11/16 & 7/8	8	5/16	1.45	1030
1731		1/2 & 9/16	1/2	3/4 & 13/16	9-1/2	3/8	1.90	1731
1731A	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8	9-1/2	3/8	1.90	1731A
1031	7/16 & 1/2	5/8	9/16	25/32 & 7/8	9-1/2	3/8	1.90	1031
1731B	1/2	9/16 & 5/8	9/16	13/16 & 7/8	9-1/2	3/8	1.90	1731B
1032	7/16 & 9/16			25/32 & 31/32	9-1/2	3/8	1.90	1032
1033A	1/2	5/8	9/16 & 5/8	7/8 & 15/16	9-1/2	3/8	1.90	1033A
1033	1/2 & 9/16	5/8	9/16	7/8 & 31/32	9-1/2	3/8	1.90	1033
1733	1/2	5/8 & 3/4	9/16 & 11/16	7/8 & 1	10-3/4	7/16	2.60	1733
1033C		3/4	5/8 & 11/16	15/16 & 1	10-3/4	7/16	2.60	1033C
1034	1/2 & 5/8	5/8	9/16 & 3/4	7/8 & 1-1/16	10-3/4	7/16	2.60	1034
1734	1/2	5/8 & 7/8	9/16	7/8 & 1-1/8	10-3/4	7/16	2.60	1734
1035	9/16 & 5/8		3/4	31/32 & 1-1/16	10-3/4	7/16	2.60	1035
1735		3/4 & 7/8	11/16	1 & 1-1/8	12-1/4	1/2	3.60	1735
1036	9/16 & 3/4		7/8	31/32 & 1-1/4	12-1/4	1/2	3.60	1036
1736	3/4	3/4 & 1	11/16 & 7/8	1 & 1-1/4	12-1/4	1/2	3.60	1736
1037	5/8 & 3/4		3/4 & 7/8	1-1/16 & 1-1/4	12-1/4	1/2	3.60	1037
1737	3/4	7/8 & 1	7/8	1-1/8 & 1-1/4	12-1/4	1/2	3.60	1737

BLACKHAWK-ARMSTRONG

OPEN END
WRENCHES



BLACKHAWK-ARMSTRONG "S" WRENCHES

22½° Angle, Double Head

Number	For U.S. Std. Nuts; Size Bolts	For Hex Head Cap Screws; Diam. Screws	For S. A. E. Std. Nuts and Cap Screws; Size Bolts	Openings Milled	Extreme Length, Approx.	Weight Each, lbs.	Thickness Heads	Price Chromium Finished	Number
1075B	.....	3/16 & 1/4	1/4	3/8 & 7/16	6-1/4	1/6	1/4	\$1.05	1075B
1075A	.....	3/16 & 5/16	5/16	3/4 & 1/2	6-1/4	1/6	1/4	1.05	1075A
1075	3/16 & 1/4	1/4 & 5/16	1/4 & 5/16	13/32 & 1/2	6-1/4	1/6	1/4	1.05	1075
1077B	1/4	5/16 & 3/8	5/16 & 3/8	7/16 & 1/2	7-1/4	1/4	9/32	1.40	1077B
1077	1/4	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8	7-1/4	1/4	9/32	1.40	1077
1079B	5/16	3/8	3/8	9/16 & 19/32	8-1/4	1/2	5/16	1.70	1079B
1079S	.....	3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	8-1/4	1/2	5/16	1.70	1079S
1079A	3/8	3/8	3/8	9/16 & 11/16	8-1/4	1/2	5/16	1.70	1079A
1079	3/8	7/16	7/16	5/8 & 11/16	8-1/4	1/2	5/16	1.70	1079
1079C	.....	7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	8-1/4	1/2	5/16	1.70	1079C
1081	3/8	.....	.....	11/16 & 27/32	9-1/4	3/4	3/8	2.05	1081
1081B	.....	1/2 & 9/16	1/2	3/4 & 13/16	9-1/4	3/4	3/8	2.05	1081B
1081A	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8	9-1/4	3/4	3/8	2.05	1081A
1083	.....	.....	5/8	27/32 & 15/16	10-3/8	1	7/16	2.70	1083
1083B	1/2	5/8 & 3/4	9/16 & 11/16	7/8 & 1	10-3/8	1	7/16	2.70	1083B
1083A	.....	3/4	5/8 & 11/16	15/16 & 1	10-3/8	1	7/16	2.70	1083A
1085	.....	3/4 & 7/8	11/16	1 & 1-1/8	12	2	1/2	3.75	1085
1085C	5/8 & 3/4	1	3/4 & 7/8	1-1/16 & 1-1/4	12	2	1/2	3.75	1085C
1085B	3/4	7/8 & 1	7/8	1-1/8 & 1-1/4	12	2	1/2	3.75	1085B

Blackhawk-Armstrong "S" Wrenches are drop-forged of chrome-vanadium steel and heat-treated. These wrenches are long and light as compared to their capacities. The jaws are narrow and can get at the nut that is placed in close quarters. They are finished in chromium with heads buffed bright.



ENGINEERS WRENCH SETS

Here's our most popular set. Consists of 6 pieces selected for the wide range of work they'll do.

The roll is of duotone green-gray leatherette. Handsome in appearance—almost as good looking as the wrenches in it. Carry this set in your pocket to show and sell.

Contents

One each of following numbers: 1723 — 1025
— 1027C — 1028S — 1731A — 1033C.

(For description see opposite page)

No. 26CB—In cardboard box Price \$8.80

No. 26LR—In leatherette roll Price 9.95

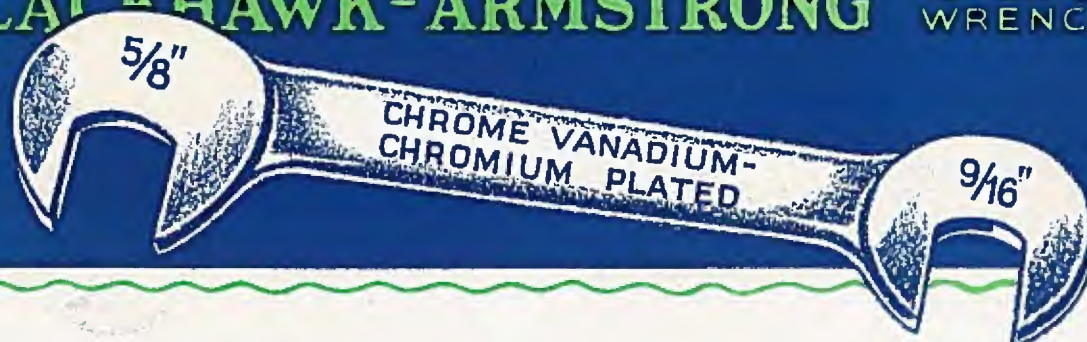
Weight 3 lbs., 6 ozs.

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BLACKHAWK MFG. CO., MILWAUKEE, U.S.A.

BLACKHAWK-ARMSTRONG

OPEN END
WRENCHES



THESE OBSTRUCTION WRENCHES HAVE OPENINGS ON SAME SIDE

The Obstruction Wrench snakes itself into hard places where ordinary wrenches won't go—not necessary to remove interferences. Has narrow pointed jaws—projecting from same side of handle. Strong—comfortable to use, has openings at 85° angle.

Number	For U.S. Std. Nuts Size Bolts	For Hex Head Cap Screws; Diameter Screws	For S.A.E. Std. Nuts and Cap Screws; Diam. Screws	Openings Milled	Extreme Length, Approx.	Thick- ness Heads	Price Chromium Finished	Number
2721	1/8	1/8 & 3/16	.....	5/16 & 3/8	4-1/4	13/64	\$0.70	2721
2021	1/8 & 3/16	1/8	.....	5/16 & 13/32	4-1/4	13/64	.70	2021
2722	1/8	1/8 & 1/4	.....	5/16 & 7/16	4-1/4	13/64	.70	2722
2723	.....	3/16 & 1/4	.....	3/8 & 7/16	4-1/4	13/64	.70	2723
2022	1/8 & 1/4	1/8 & 5/16	.....	5/16 & 1/2	4-3/4	13/64	.80	2022
2023	3/16 & 1/4	1/8 & 5/16	.....	13/32 & 1/2	4-3/4	13/64	.80	2023
2723A	1/4	3/16 & 5/16	.....	3/8 & 1/2	4-3/4	13/64	.80	2723A
2024	3/16 & 5/16	.....	.....	13/32 & 19/32	5-1/2	15/64	.95	2024
2725	1/4	1/4 & 5/16	.....	7/16 & 1/2	5-1/2	15/64	.95	2725
2725A	.....	1/4 & 3/8	.....	7/16 & 9/16	5-1/2	15/64	.95	2725A
2725B	1/4	5/16 & 3/8	.....	1/2 & 9/16	5-1/2	15/64	.95	2725B
2025	1/4 & 5/16	5/16	.....	1/2 & 19/32	5-1/2	15/64	.95	2025
2726	1/4	5/16 & 7/16	.....	1/2 & 5/8	6-1/2	17/64	1.20	2726
2026	1/4 & 3/8	5/16	.....	1/2 & 11/16	6-1/2	17/64	1.20	2026
2727	.....	3/8 & 7/16	.....	9/16 & 5/8	6-1/2	17/64	1.20	2727
2027	5/16 & 3/8	.....	.....	19/32 & 11/16	6-1/2	17/64	1.20	2027
2027C	3/8	3/8	.....	9/16 & 11/16	6-1/2	17/64	1.20	2027C
2728	.....	3/8 & 1/2	.....	9/16 & 3/4	7-3/4	9/32	1.45	2728
2028	5/16 & 7/16	.....	.....	19/32 & 25/32	7-3/4	9/32	1.45	2028
2028S	7/16	7/16	.....	5/8 & 25/32	7-3/4	9/32	1.45	2028S
2729	.....	7/16 & 1/2	.....	5/8 & 3/4	7-3/4	9/32	1.45	2729
2029	3/8 & 7/16	.....	.....	11/16 & 25/32	7-3/4	9/32	1.45	2029
2030	3/8 & 1/2	.....	.....	11/16 & 7/8	7-3/4	9/32	1.45	2030
2731	.....	1/2 & 5/8	.....	3/4 & 13/16	9-1/4	23/64	1.90	2731
2731A	1/2	1/2 & 9/16	.....	3/4 & 7/8	9-1/4	23/64	1.90	2731A
2031	7/16 & 1/2	5/8	.....	25/32 & 7/8	9-1/4	23/64	1.90	2031
2731B	1/2	9/16 & 5/8	.....	13/16 & 7/8	9-1/4	23/64	1.90	2731B
2032	7/16 & 9/16	.....	.....	25/32 & 31/32	9-1/4	23/64	1.90	2032
2033A	1/2	5/8	.....	7/8 & 15/16	9-1/4	23/64	1.90	2033A
2033	1/2 & 9/16	5/8	.....	7/8 & 31/32	9-1/4	23/64	1.90	2033

OBSTRUCTION WRENCH SETS

Mechanics will welcome this Set. Present day automobile designs present numerous obstacles to most wrenches. The No. 2005 Set provides the wrenches that makes rapid and efficient work possible in those close quarters.

Contents:

One each Nos. 2723, 2025, 2027C, 2028S, 2731A.

No. 2005CB—In cardboard box Price \$6.20

No. 2005LR—In leatherette roll Price 7.25

Weight 2 lbs.



BLACKHAWK MFG. CO., MILWAUKEE, U.S.A.

BLACKHAWK-ARMSTRONG

OPEN END
WRENCHES



THESE TAPPET WRENCHES ARE LONGER AND STRONGER

The length of these wonderful wrenches allows extreme leverage, and makes tappet adjustment possible while the motor is hot. Try them on a smoking motor and convince yourself.

Two styles are provided — (1) Both ends milled with same opening. (2) Different sized openings on same wrench.

Assortment in each wrench set is designed to give greatest usefulness from a smaller number of tools. Design of the wrench is such that two may be handily worked as a scissors in one hand and a third in the other.



TAPPET WRENCH SETS

412 CB AND 412 LR

These wrenches have same size opening on each end—One end straight the other with 22½° angle. Will adjust 75% of all valve tappets made. Two each of four most used numbers put up in the lasting leatherette case.

Contents—2 each: 402, 403, 404, 405.
No. 412CB—In cardboard box.....Price \$15.20
No. 412LR—In leatherette roll.....Price 16.35
Weight 2 lbs., 6 oz.

ECONOMY SET

Contents—2 each: 422, 424 and 426.
No. 22CB—In cardboard box.....Price \$7.80
No. 22LR—In leatherette roll.....Price 8.95
Weight 1¾ lbs.

No.	Milled Opening	S.A.E. Std. Nuts Bolt Size	U.S.S. Nuts Bolt Size	Ex-treme Lgth.	Thick-ness of Head	Price Chromium Fin-ished
401	3/8	.....	.....	8	5/32	\$1.80
401A	7/16	1/4	.....	8	5/32	1.80
402	1/2	5/16	1/4	8-1/2	5/32	1.80
402A	17/32	.....	.....	8-1/2	5/32	1.80
403	9/16	3/8	.....	8-1/2	5/32	1.80
403A	19/32	.....	5/16	8-1/2	5/32	1.80
404	5/8	7/16	.....	8-1/2	3/16	2.00
405	11/16	.....	3/8	8-1/2	3/16	2.00
406	3/4	1/2	.....	9	7/32	2.25
406A	25/32	.....	7/16	9	7/32	2.25
407	13/16	.....	.....	9	7/32	2.25
407A	7/8	9/16	1/2	9	7/32	2.25
408	15/16	5/8	.....	9	7/32	2.50
408A	31/32	.....	9/16	9	7/32	2.50
409	1	11/16	.....	9	7/32	2.50

No.	Milled Opening	S.A.E. Std. Nuts Bolt Size	U.S.S. Nuts Bolt Size	Ex-treme Lgth.	Thick-ness of Head	Price Chromium Fin-ished
402B	1/2 & 3/4	.....	1/4	8½	5/32	\$1.80
402C	3/4 & 1/2	.....	3/8	8½	5/32	1.80
404B	11/16 & 3/4	.....	3/8	8½	5/32	2.00
404C	3/4 & 11/16	.....	1/2	8½	5/32	2.00
406B	13/16 & 7/8	.....	1/2	9	7/32	2.25
406C	7/8 & 13/16	.....	3/4	9	7/32	2.25

ECONOMY SERIES TAPPET WRENCHES

No.	Milled Opening	S.A.E. Std. Nuts Bolt Size	U.S.S. Nuts Bolt Size	Ex-treme Lgth.	Thick-ness of Head	Price Chromium Fin-ished
420	1/2 & 3/4	.....	1/4	8	5/32	\$1.15
422	3/4 & 1/2	.....	3/8	8½	5/32	1.15
424	5/8 & 11/16	.....	3/8	8½	5/32	1.30
426	3/4 & 7/8	.....	1/2	9	7/32	1.45

TAPPET WRENCH SETS

400 CB AND 400 LR

A smaller set—fewer wrenches—but more sizes—less duplication. Has different sized opening on each end. Kit has two extra pockets.

Contents—1 each: 402B, 402C, 404B, 404C, 406B, 406C.

No. 400CB—In cardboard box.

Price\$12.10

No. 400LR—In leatherette roll.

Price 13.25

Weight 1¾ lbs.



BLACKHAWK-ARMSTRONG

OPEN END WRENCHES



IGNITION SERVICE WRENCHES AND SETS



The tools pictured above meet with the approval of Ignition and Radio experts. All tools shown are neatly contained in the two-tone gray-green leatherette case.

Show this No. 18 Set to all those who handle ignition work — it contains all tools for work on most popular electrical systems.

Set contains all the tools listed below.

No. 18CB—In cardboard boxPrice \$6.30
No. 18LR—In leatherette rollPrice 7.00
Weight 10 oz.

PRICES ON INDIVIDUAL IGNITION WRENCHES

No.	Size Opening	Used for	Price
E-2	1/4" x 1/4"	Northeast, Splitdorf, and Bosch	\$0.50
E-3	1/4" (3/16" & 1/2")	Eiseman .....	.50
E-4	3/8"	Remy & Wagner .....	.50
E-5	1/2"	Remy & Wagner .....	.50
E-6	3/4"	Ford (Third Brush) ...	.75
E-7	7/8" (1 1/4")	Bosch (DU4 & DU6) Autolite .....	.65
E-8	1 1/8" & 1 1/4"	Delco Remy .....	.65
E-9	1 1/2"	Remy (Cam) .....	.65
E-10	1 3/8" & 1 1/2"	Autolite (Generator) ...	.65
E-11	1 1/4" & 1 1/2"	Bosch .....	.95

WATER PUMP WRENCHES

Designed especially for adjusting Water Pump packing nuts—very thin with short stroke. Illustrated above.

Number	Milled Opening	Length	Thickness of Head	Width of Head	Price
1224	3/4	7	1/4	1-7/8	\$2.10
1224A	1-1/8	7	1/4	1-7/8	2.10
1226	13/16	7	1/4	1-7/8	2.10
1228	7/8	7	1/4	1-7/8	2.10
1230	15/16	7	1/4	1-7/8	2.10
1232	1	7	1/4	1-7/8	2.10
1232A	1-1/32	7	1/4	1-11/16	2.10
1234	1-1/16	7	1/4	1-7/8	2.10
1236S	1-5/16	7	1/4	2-1/16	2.10
1238	1-3/16	7	1/4	2-1/16	2.10
1240	1-1/4	7	1/4	2-1/16	2.10
1244	1-3/8	7-3/4	9/32	2-5/8	2.40
1246	1-7/16	7-3/4	9/32	2-5/8	2.40
1248	1-1/2	7-3/4	9/32	2-5/8	2.40
1250	1-9/16	7-3/4	9/32	2-5/8	2.40
1252	1-5/8	7-3/4	9/32	2-5/8	2.40
1256	1-3/4	7-3/4	9/32	2-5/8	2.40

MINIATURE WRENCHES AND SETS

Those tough baby nuts give up the fight when you clamp down hard with the miniature Blackhawk - Armstrong wrench.

Drop one of these sets in your coat pocket, and give the mechanics in your territory an eye-treat.

No. 20 Set contains one each of the wrenches in table below:



No.	Milled Openings	Length	Thickness Heads	Price Chromium Finished
H-10	1/8" & 7/16"	2 1/2"	3/16"	\$0.65
H-12	1/4" & 1/2"	3"	3/16"	.65
H-14	5/16" & 3/4"	3 1/4"	7/16"	.70
H-16	3/8" & 1 1/4"	4 1/8"	5/8"	.70
H-18	1/2" & 1 1/2"	4 1/2"	3/4"	.70

No. 20CB—In cardboard boxPrice \$3.40
No. 20LR—In leatherette rollPrice 4.00
Weight 8 oz.



BRAKE WRENCHES AND SETS



No. 2534—For Chrysler Cars. $3\frac{1}{8}$ " long, $\frac{5}{8}$ " opening, head $\frac{3}{8}$ " thick.
Price each\$0.90

No. 2536—For Studebaker Cars. $4\frac{7}{8}$ " long, $\frac{7}{8}$ " opening, head $\frac{3}{8}$ " thick.
Price each\$1.25



Length $6\frac{1}{4}$ ", heads $\frac{3}{8}$ " thick.
Application given in table below:

Number	Opening in 22½" end	Opening in 60" end	Application	Price Each
2526	5/8"	5/8"	Lockheed	\$1.50
2526A	9/16"	9/16"	General	1.50
2526B	11/16"	11/16"	General	1.50
2537	1/2"	9/16"	La Salle	1.50
2537A	7/16"	1/2"	External Mechanical	1.50
2538	9/16"	1/2"	La Salle	1.50



No. 2542—For Chevrolet Cars. $7\frac{1}{2}$ " long, openings $\frac{5}{8}$ " - $\frac{3}{4}$ ", head $\frac{5}{8}$ " thick.
Price each\$1.50



No. 2539—For all Bendix Brakes. 7" long, openings, small end $\frac{1}{4}$ " - $\frac{1}{2}$ ", large end $\frac{3}{4}$ ", heads $\frac{5}{8}$ " thick.
Price each\$1.80



No. 2561—For Eccentric Cam on Bendix Internal Brake Openings $\frac{1}{4}$ " and $\frac{1}{2}$ ". length 9", heads $\frac{5}{8}$ " thick.
Price each\$1.80



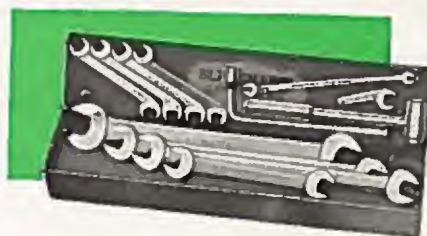
No. 2535—For Dodge cars. 9" long, $\frac{7}{8}$ " openings, heads $\frac{5}{8}$ " thick.
Price each\$1.50

No. 426—For Cadillac, La Salle, etc., Openings $\frac{3}{4}$ " and $\frac{7}{8}$ ", length 9", heads $\frac{5}{8}$ " thick.
Price\$1.45



No. 2541—For Studebaker cars. 10" long, $\frac{7}{8}$ " openings, head $\frac{5}{8}$ " thick.
Price each\$2.40

NO. 37S BRAKE SET



When the mechanic sees this Brake Wrench Set, he will be convinced that it's what he needs for brake adjustments on any car. Packed in a sturdy steel case. This set contains one each of the following: Nos. 2534, 2537A, 2526B, 2526, 2526A, 426, 2561, 1731BR, 1034BR, 1735BR, 4014XN, 2103.

No. 37S —In steel casePrice \$29.40
No. 37CB—In cardboard boxPrice 26.65

NO. 35 BRAKE SET

Here's a set for every Brake Service Station attendant. It provides the tools to do the most efficient brake adjustment on any car in the shortest time.

The 35 Set contains one each of Nos. 2534, 2536, 2539, 2535, 2541, 2542, 2537, 2538, 2526.

No. 35CB—In cardboard boxPrice \$13.85
No. 35LR—In leatherette rollPrice 15.35
Weight 2 lbs., 8 oz.



No. 1731BR—Used on Lockheed Hydraulics, Bendix and other Mechanical brakes. Openings $\frac{3}{4}$ " and $\frac{7}{8}$ ", length 15", heads $\frac{3}{8}$ " thick.
Price each\$3.80

No. 1034BR—Similar to above. Openings $\frac{11}{16}$ " and $1\frac{1}{4}$ ", length 16", heads $\frac{11}{16}$ " thick.
Price each\$5.10

No. 1735BR—Similar to above. Openings 1" and $1\frac{1}{8}$ ", length 16", head $\frac{1}{2}$ " thick.
Price each\$5.00



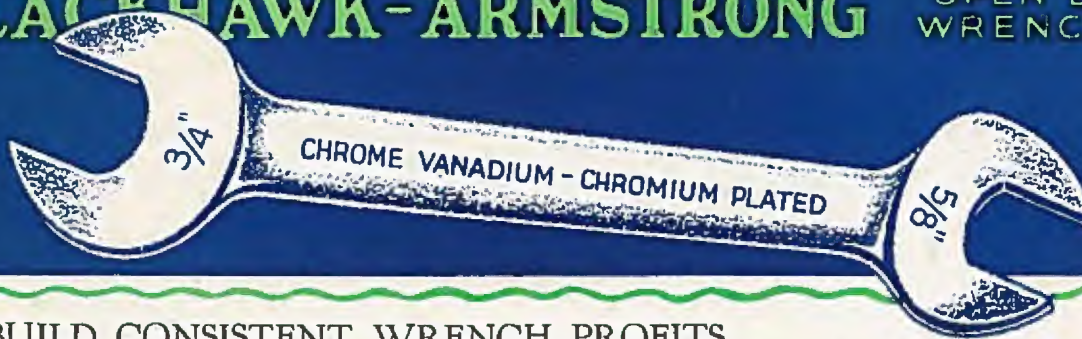
No. 2103—For Bendix and Steeldraulic internal brake. $\frac{3}{4}$ " Hex Offset Wrench—9" long, $2\frac{1}{2}$ " offset.
Price each\$1.25



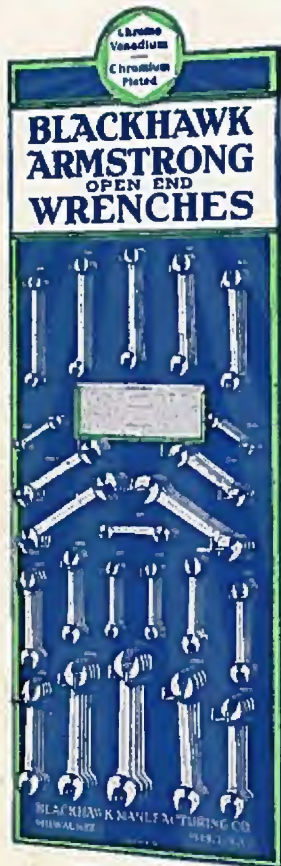
No. 4014XN—Ford Brakes. Opening $\frac{7}{8}$ ", $\frac{1}{2}$ " square, length $9\frac{1}{2}$ ".
Price each\$1.35

BLACKHAWK-ARMSTRONG

OPEN END WRENCHES



BUILD CONSISTENT WRENCH PROFITS THROUGH THESE AUTOMATIC SALESMEN



No. 60 Board

Easy sales of open end wrenches are made with the attractive four color steel-front salesmen shown. Each assortment is a skeleton stock of most popular numbers. Assures turnover and profit.

The No. 60 Board (shown at left). Contents of the 3 general dealer boards given below:

No. 60 assortment includes 92 tools, 4 each of following: Engineers wrenches Nos. 1021, 1723, 1025, 1027C, 1028S, 1731A, 1033C, 1725B, 1727, 1729, 1731B; Obstruction wrenches. Nos. 2021, 2723, 2025, 2027C, 2028S, 2731A, 2731B; and Tappet wrenches Nos. 401A, 402, 403, 404, 405.

No. 60A assortment includes 46 tools, 2 each of the above numbers. Size of display 21" wide x 59" high.

No. 60—Board assortment, weight 39 lbs.List \$132.80

No. 60A—Board assortment, weight 18 lbs.List 72.40
(Weight of board 35 lbs.)

The No. 70 Board is a de luxe assortment for the larger distributor. Size of display 22" wide x 78" high. Stock includes 157 tools, 3 each of the following: Engineers wrenches, Nos. 1021, 1723, 1023, 1723A, 1725, 1725A, 1725B, 1025, 1026, 1027, 1027C, 1727, 1728, 1028S, 1729, 1029, 1731A, 1033A, 1033C; Obstruction wrenches Nos. 2721, 2723, 2723A, 2725A, 2025, 2027C, 2028S, 2731A; Tappet wrenches Nos. 402, 402A, 403, 403A, 404, 404A, 405, 402B, 402C, 404B, 404C, 406B, 406C; Miniature wrenches Nos. H10, H12, H14, H16, H18; 1 each of the following Brake wrenches: Nos. 2526, 2534, 2535, 2536, 2537, 2538, 2539, 2541, 2542 and Water Pump wrenches Nos. 1224, 1224A, 1228, 1232, 1232A, 1234, 1236, 1240, 1242, 1246,

No. 70—Board assortment, weight 45 1/4 lbs.List \$218.90
(Weight of board 53 lbs.)

TAPPET WRENCH DISPLAY BOARDS

Should be on display in every Parts House—Automotive Supply and Hardware Store. Investment offers splendid profit possibilities—though extremely reasonable. Metal-front board is of same attractive finish as larger display units. Ideal for floor or counter. Size of display 16 1/2" wide, 23" high.

No. 46 assortment includes 48 Tappet wrenches, 6 each of Nos. 402, 402A, 403, 403A, 404, 405, 406, 407.

No. 43 assortment includes 24 Tappet wrenches, 3 each of the numbers above.

No. 46—Board assortment, weight 13 lbs.List \$94.20

No. 43—Board assortment, weight 6 1/2 lbs.List 47.10
(Weight of board 10 lbs.)

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Nos. 43 & 46 Board

Form 0211-211-22

BLACKHAWK MFG. CO., MILWAUKEE, U.S.A.